



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - MARCH 2023



Lab Name **THE CALCUTTA CLINICAL LABORATORY** Lab No **5481**
Constituent Group **Chemistry II** Date of Result Entered : **19/03/2023**
PT item **Lyophilized human serum based** Date of Report Published : **04/04/2023**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE II	GOD-POD II	Any Analyser (Automation / Semi Automation)	1561	308.70	9.98	30.81	149 mg/dL	-5.18	1.56
2	UREA II	Urease UV / GLDH II	Any Analyser (Automation / Semi Automation)	1071	57.38	12.47	7.16	63 mg/dL	0.79	0.44
3	CREATININE II	Jaffes Kinetic- Alkaline Picrate II	Any Analyser (Automation / Semi Automation)	1156	1.86	11.88	0.22	2 mg/dL	0.63	0.01
4	T.BILIRUBIN II	Diazonium Salt (Colorimetric) / Jendrassik II	Any Analyser (Automation / Semi Automation)	1367	5.35	15.48	0.83	1.86 mg/dL	-4.21	0.04
5	T-PROTEIN II	Biuret - Colorimetric II	Any Analyser (Automation / Semi Automation)	1230	5.53	10.94	0.60	5.07 g/dL	-0.76	0.03
6	ALBUMIN II	Others (BCP / Immuno turbidimetric) II	Roche Integra Series / Siemens series	45	3.37	11.56	0.39	3.4 g/dL	0.08	0.12
7	URIC ACID II	Enzymatic / Uricase Colorimetric II	Any Analyser (Automation / Semi Automation)	1224	4.62	19.05	0.88	3.1 mg/dL	-1.73	0.05
8	CHOLESTROL II	CHOD-PAP II	Any Analyser (Automation / Semi Automation)	1526	112.67	12.38	13.95	118 mg/dL	0.38	0.71
9	TRIGLYCERIDE II	GPO-PAP / Enzymatic Colorimetric / End Point II	Any Analyser (Automation / Semi Automation)	1378	140.75	14.47	20.37	147 mg/dL	0.31	1.10

SDI Range	Interpretation
Within -1.00 to +1.00	Excellent.
Within ±1.01 to ±2.00	Good.
Within ±2.01 to ±2.99	Accept with caution. Warning Signal.
Beyond ±3.0	Unacceptable performance. Action Signal.

LAB ADDRESS :

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Pamela Christudoss
Dr. Pamela Christudoss
CMC EQAS Coordinator
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Homogeneity and Stability of the sample is passed.
Data in CMC EQAS reports is confidential
CMC EQAS does not sub contract any components
***** End of Report *****



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Lab Name **THE CALCUTTA CLINICAL LABORATORY** Lab No **5481**
Constituent Group **Thyroid Hormones & Cortisol** Date of Result Entered : **19/03/2023**
PT item **Lyophilized human serum based** Date of Report Published : **04/04/2023**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants CV	SD	Your Value	SDI	U
1	TOTAL THYROXINE	CLIA- Chemiluminescence immunoassay / CMIA	Any Analyser	325	6.84	14.34	0.98	7 ug/dL	0.16	0.11
2	TSH	CLIA- Chemiluminescence immunoassay / CMIA	Any Analyser	390	5.99	8.57	0.51	7 uIU/mL	1.97	0.05
3	TOTAL T3	CLIA- Chemiluminescence immunoassay / CMIA	Any Analyser	298	117.06	11.09	12.98	71.6 ng/dL	-3.5	1.50

SDI Range	Interpretation
Within -1.00 to +1.00	Excellent.
Within ±1.01 to ±2.00	Good.
Within ±2.01 to ±2.99	Accept with caution. Warning Signal.
Beyond ±3.0	Unacceptable performance. Action Signal.

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Lab Name **THE CALCUTTA CLINICAL LABORATORY** Lab No **5481**
Constituent Group **HbA1c** Date of Result Entered : **19/03/2023**
PT item **Lyophilized human whole blood based** Date of Report Published : **04/04/2023**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	HbA1c	HPLC-Ion Exchange	Any Analyser	139	5.23	9.04	0.47	4.6 %	-1.33	0.08

SDI Range	Interpretation
Within -1.00 to +1.00	Excellent.
Within ± 1.01 to ± 2.00	Good.
Within ± 2.01 to ± 2.99	Accept with caution. Warning Signal.
Beyond ± 3.0	Unacceptable performance. Action Signal.

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